

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001278

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C5/333 C10G11/00 C10G11/22 C07C11/02 C07C11/04
C07C11/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 529 793 A (BRITISH PETROLEUM CO PLC) 3 March 1993 (1993-03-03)	1,2,5,7
Y	*abstract; pages 2 and 3; example 3 and the claims*	1-14
X	BRIDGES R S ET AL: "RECYCLE BUTENES TO CRACKING" November 1986 (1986-11), HYDROCARBON PROCESSING, GULF PUBLISHING CO. HOUSTON, US, PAGE(S) 71-74 , XP001048615 ISSN: 0018-8190 the whole document	1-14
X	EP 1 001 001 A (NOVA CHEM INT SA) 17 May 2000 (2000-05-17) *abstract; passages 2, 32 and 35 and the claims*	1-14
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

1 July 2004

Date of mailing of the international search report

14/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 044 068 A (KURTZ BRUCE E) 23 August 1977 (1977-08-23) *abstract; column 5, lines 7-9 and the claims*	1-14
X	US 5 981 818 A (PURVIS DAVID ET AL) 9 November 1999 (1999-11-09) *abstract; column 3, lines 14-17; column 11, lines 18-25, column 18, lines 54-57 and the claims*	1-14
Y	US 6 395 944 B1 (GRIFFITHS DAVID CHARLES ET AL) 28 May 2002 (2002-05-28) *abstract; column 5 and the claims*	1-14
Y	WO 94/04632 A (BP CHEM INT LTD) 3 March 1994 (1994-03-03) the whole document	1-14

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Information on patent family members

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